

**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in the application:

**Listing of Claims:**

1.-137. (Cancelled)

138. (Currently Amended) A method for producing a polypeptide capable of stimulating an immune response against a molecule, the polypeptide comprising a fusion protein, the method comprising:

(a) ~~identifying a molecule against which the stimulation of the immune response is desired, the molecule consisting of a Group 2 allergen of a house mite of species *Dermatophagoides pteronyssinus* (Der p 2); and~~ providing a host cell comprising an expression vector containing a nucleic acid sequence encoding the fusion protein, the fusion protein comprising a Group 2 allergen of a house mite of species *Dermatophagoides pteronyssinus* (Der p 2) fused to a Fve polypeptide;

(b) expressing the encoded fusion protein; and

(c) recovering the fusion protein

~~(b) forming the fusion protein by joining the molecule as a first portion thereof with a second portion being an Fve polypeptide having a sequence shown as SEQ ID NO: 6 and comprising a mutation selected from the group consisting of: a mutation from R to A at position 27 of that sequence (R27A) and a mutation from T to A at position 29 of that sequence (T29A).~~

Claims 139-172. (Cancelled)

173. (Currently Amended) The method of Claim 138, ~~in which~~ wherein the fusion protein first ~~portion~~ comprises a Group 2 allergen of a house mite of species *Dermatophagoides pteronyssinus* (Der p 2) ~~and the second portion comprises~~ fused to an FveR27A polypeptide ~~having a~~ comprising the amino acid sequence of ~~shown as~~ SEQ ID NO: 32.



174. **(Currently Amended)** The method of Claim 173, ~~in which the polypeptide~~ wherein the fusion protein comprises a Der p 2-FveR27A fusion protein comprising [[a]] the amino acid sequence shown as of SEQ ID NO: 44.

175. **(Currently Amended)** The method of Claim 138, ~~in which the first portion~~ wherein the fusion protein comprises a Group 2 allergen of a house mite of species *Dermatophagoides pteronyssinus* (Der p 2) ~~and the second portion comprises~~ fused to a FveT29A polypeptide having a comprising the amino acid sequence of shown as SEQ ID NO: 36.

176. **(Currently Amended)** The method of Claim 175, ~~in which the polypeptide~~ wherein the fusion protein comprises a Der p 2-T29A fusion protein comprising [[a]] the amino acid sequence shown as of SEQ ID NO: 46.

177. **(Currently Amended)** The method of Claim 138, ~~in which~~ wherein the polypeptide further comprises a glutathione S transferase (GST) moiety.

178. **(Cancelled)**

179. **(Cancelled)**

180. **(New)** The method of claim 138, wherein the Fve polypeptide further comprises a mutation from R to A at position 27 of SEQ ID NO: 6 (R27A).

181. **(New)** The method of claim 138, wherein the Fve polypeptide further comprises a mutation from T to A at position 29 of SEQ ID NO: 6 (T29A).